

Message Text

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ACTION IO-13

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FM USMISSION IAEA VIENNA

TO SECSTATE WASHDC 8405

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UNCLAS IAEA VIENNA 9666

PASS IO/SCT

EO 11652: NA

TAGS: IAEA, TECH, EAID, US, TH

SUBJECT: U.S. EQUIPMENT GRANT FOR IAEA TA PROJECT THAILAND/3/02

REF: A) IAEA VIENNA 8990, B) STATE 276398, C) IAEA VIENNA
8589

1. AGENCY (KENYERES) HAS GIVEN MISSION COPY OF MEMO
(POUCHED AMMONS ERDA) WITH FOLLOWING DETAILED SPECIFI-
CATIONS FOR ALTERNATIVE EQUIPMENT TO THAT REFERRED
TO IN REF B:

QUOTE. WE STRONGLY SUGGEST THAT... U.S. AUTHORITIES
SHOULD BE ASKED TO PURCHASE THE CARBORNE SYSTEM FROM
GEOMETRICS, 395 JAVA DRIVE, SUNNYVALE, CALIFORNIA
94086, CONSISTING OF ONE COMPLETE CARBONE/FIELD
GAMMA SPECTROMETER SYSTEM CONSISTING OF;
A) MODEL GR-410 PORTABLE GAMMA RAY SPECTROMETER,
B) MODEL NAL-21 TYPE OF DETECTOR ASSEMBLY WITH A
3" BY 3" NAI (T1) CRYSTAL COMPLETE WITH RETRACT-
ABLE INTERCONNECTING CABLE AND PLUG,

C) MODEL 7155A SINGLE PEN HEWLETT-PACKARD STRIP
CHART (5") RECORDER WITH EVENT MARKER AND BATTERY
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OPERATED, UNQUOTE.

SPARE PARTS REQUIRED ARE AS FOLLOWS:

QUOTE 1. ONE DIGITAL DISPLAY SET;

2. ONE RETRACTABLE INTERCONNECTING CABLE
THREE METERS LONG, AND CONNECTOR PLUG (CONSOLE TO
DETECTOR);

3. 25 ROLLS OF PAPER FOR H-P RECORDER:

4. THREE SPARE PENS AND 15 INK CARTRIDGES FOR THE
RECORDER;

5. CALIBRATION SOURCE, OPERATION MANUAL,
SHOULDER HARNESS CONSOLE CARRIER;

NOTE; IN ORDER TO USE EQUIPMENT AS A FIELD SPECTRO-
METER; THE MAUFACTURER SHOULD PROVIDE, IF POSSIBLE,
THE SENSITIVITY CONSTANTS AND STRIPPING RATIOS OF
THE EQUIPMENT FOR A FLAT 2 PI INFINITE LONG SOURCE.
IT IS NECESSARY THAT THE ENTIRE SYSTEM BE TESTED FOR
ITS FULL OPERATION BEFORE SHIPMENT. UNQUOTE.
APPROXIMATE COST OF ENTIRE SET ESTIMATED AT \$8,000.

2. MISSION UNDERSTANDS THAT SO- CALLED "SCIENTILLATION
RATEMETER" MODEL R-132A (NOTED REF B)
WHICH WAS SHIPPED IS ACTUALLY A RECORDER, DESIGNED
TO BE ATTACHED TO "SCINTILLATION COUNTER" THAT WAS
ALSO SHIPPED (AND ALSO REFERRED TO IN REF B) TO
MAKE IT SUITABLE FOR CARBONE OPERATION. ACCORDING
TO MR. J. CAMERON OF AGENCY, HOWEVER, WHO IS TECHNICAL
ADVISER ON PROJECT, THE SCINTILLATION COUNTER THAT
WAS SHIPPED IS SPECIFICALLY DESIGNED AS A HAND-
CARRIED UNIT. THUS, WHILE IT MAY BE USED, IN
CONNECTION WITH THE RECORDER (MODEL R-132A), FOR
CARBORNE OPERATION, ITS SENSITIVITY IN THAT MODE IS
GRETLY DECREASED, AND IT BECOMES A CARBRONE UNIT
ONLY AT THE COST OF GREATLY INFERIOR SPECIFICATIONS.
CAMERON ALSO NOATED THAT SUPPLIER OF MODEL R-132A
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DOES NOT MANUFACTURER CARBORNE SYSTEM, CLAIMING THAT
ITS HAND-CARRIED UNIT MAY BE SO USED IN COMBINATION
WITH THE MODEL R-132A RECORDER. AGENCY DISPUTES
THIS CLAIM AND BELIEVES ONE MUST, THEREFORE, GO TO
DIFFERENT FIRM TO PROCURE CARBORNE UNIT. INDEED,
CAMERON SAID AGENCY FULLY INTENDED THAT THREE
DISCRETE UNITS BE SHIPPED; TWO HAND-CARRIED AND AN
ADDITIONAL, COMPLETE, CARBORNE UNIT. THIS WAS THE

CAUSE OF THE DISAGREEMENT (REF C) OVER THE FINAL
COST OF THE EQUIPMENT,

3. FINALLY, AGENCY REPORTS THAT RECORDER (R-132A)
HAS ARRIVED IN THAILAND AND WISHES TO KNOW WHETHER
IT SHOULD BE RETURNED. AGENCY NOTES THAT, ALTHOUGH
RECORDER DOES NOT MEET SPECIFICATIONS FOR CARBORNE
UNIT, IT COULD BE USEFUL IN OTHER WAYS WITH THE
HAND-CARRIED UNIT ALREADY SHIPPED. AGENCY WOULD,
THEREFORE, APPRECIATE THAILAND PROJECT BEING ALLOWED
TO KEEP IT, INSOFAR AS IT IS RELATIVELY LOW COST
ITEM.

4. MISSION RECOMMENDS THAT RECORDER BE RETAINED
BY THAILAND PROJECT, AND THAT PROCUREMENT OF
ADDITIONAL EQUIPMENT BE UNDERTAKEN ASAP IN
ACCORDANCE WITH SPECIFICATIONS LISTED ABOVE, PARA
ONE. STONE

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